

Alika Sabrina Mahalaksmi

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Profile

Pharmacist with experience as a Production Supervisor cGMP-regulated pharmaceutical industry. Skilled in leading production process, managing manpower and shift planning, and coordinating cross-functionally across departments. Experienced in deviation investigation, RCA, CAPA, and OEE improvement. Strong leadership, communication, and analytical skills with ability to work effectively in fast-paced environment

Working Experience

PRODUCTION SUPERVISOR | PT HEXPHARM JAYA LAB (A KALBE COMPANY) | OCT 2025 – APR 2026

- Led and supervised 40–50 operators in daily manufacturing operations while ensuring compliance with GMP/CPOB requirements.
- Managed daily manpower allocation, shift scheduling, overtime planning to optimize production process.
- Managed and executed monthly production schedules for 80–90 batch numbers while coordinating closely with QA, QC, PPIC, Engineering, and Logistics teams.
- Reviewed 4–5 Batch Records daily to ensure documentation accuracy, data integrity (ALCOA+), and Batch Right First Time Right (BRFT).
- Supported OEE improvement to >86% through reducing breakdown and supporting more reliable output.
- Improved product quality by initiating machine part modification to eliminate recurring tablet defect incidents, reducing QA findings from 4 cases to 0 within 4 months.
- Handled and presented deviation investigations, identifying root causes, and proposing CAPA proposals including improvement of cleaning procedures through SOP revision.
- Conducted operator training on new Line Clearance procedure to ensure operational readiness.

QA INTERN | PT FONKO INTERNATIONAL PHARMACEUTICALS | JAN 2025 – MAR 2025

- Drafted Qualification documents and summarized validation reports for equipment and systems, ensuring compliance with cGMP, GLP, and supporting internal/external audit.
- Performed data analysis of 6 water systems against BPOM specifications using 2 Ms. Excel and Minitab.
- Prepared water quality reports and identified potential deviations, referring to QMS documents to ensure proper follow-up and compliance.

Educational Level

UNIVERSITAS AIRLANGGA – INDONESIA

Apothecary Professional Degree, 3.67/4.00

UNIVERSITAS AIRLANGGA – INDONESIA

Bachelor of Pharmacy, 3.35/4.00

University Projects

NEW PRODUCT DEVELOPMENT PROJECT

- Designed a conceptual development plan for an innovative drug product for Enteric-Coated Tablet Tamoxifen through comprehensive literature study including pre-formulation and formulation, dosage form evaluation, analytical method selection, stability testing, and BA/BE testing.
- Drafted packaging design and product registration strategy simulating regulatory submission requirements.

DRUG DEVELOPMENT FINAL RESEARCH PROJECT

“The Effect of Anhydrous Lanolin and Cetostearyl Alcohol on Emulsifying-Base Ointment as a Delivery System for AMSC-MP in Diabetic Wound Healing (Study on Alloxan-Induced Mice)”

- Designed and conducted pre-formulation, formulation, evaluation of the topical ointment containing stem cell derived product, including in vivo study.
- Planned and allocated project timeline, research material, equipment usage, and budgeting under supervision.
- Prepared reports and research documentation reports in line with academic and scientific standards.

COMMUNITY PHARMACY RESEARCH PROJECT

- Led a 10-member team to conduct a study titled “Profil Pengetahuan dan Efektivitas Penggunaan Aromaterapi untuk Mengurangi Stres pada Masyarakat Usia Produktif”, published in Jurnal Farmasi Komunitas (ISSN 2355-5912).
- Executed health promotion event with 60+ attendees using multimedia formats to promote stress-relieving aromatherapy

NATURAL MEDICINE RESEARCH PROJECT

- Contributed as co-author in a literature review titled “Potential of Guava (Psidium guajava L.) as an Additional Therapy for Dengue Fever”, published in Berkala Ilmiah Farmasi (ISSN 2808-1048).

Awards & Honors

- Winner, Industrial Skills Event by International Pharmaceuticals Student Federation Asia-Pacific Regional Office (2024).
- Finalist, Scientific Research Poster Competition by Marine Drug Discovery and Development Conference (2024).
- 2nd runner up, of Faculty of Pharmacy Ambassador by BEM FF UNAIR (2021).

Organizational Experiences

SUMMER SCHOOL | LIAISON OFFICER – BEM FF UNAIR

- Assisted the exchangers from Egypt during the summer school program, facilitated clear communication between exchangers and local stakeholders.
- Coordinated the events during summer school programs and activities to ensure they run successfully.

FACULTY OF PHARMACY AMBASSADOR | HR COORDINATOR – DUTA FARMASI BEM FF UNAIR

- Organized detail plans for faculty-related activities with a team of 10.
- Coordinated and managed annual Duta Farmasi’s event.
- Moderated faculty’s webinars, facilitating discussions, and managed Q&A Session.

Additional

- **Software:** GraphPad Prism, SPSS, MiniTab, Ms. Excel, PowerPoint, Ms. Word.
- **Language:** Bahasa Indonesia (Native), English (ELPT Score: 537/600)
- **Skills:** Total Productive Maintenance | Root Cause Analysis (RCA) | OEE improvement | CAPA | Yield Optimization | Downtime Reduction | Capacity Balancing | GMP/CPOB compliance | Data Integrity (ALCOA+) | Batch Record Review & BRFT | People Development & Operator Training